



Substitute Sheets

~1735723.txt  
SEQUENCE LISTING

<110> CEREMEDIX, INC.  
Adams, David S.  
Shashoua, Victor E.

<120> Peptide-Dependent Upregulation of Telomerase Expression

<130> 18519-26

<140> US 10/511,530  
<141> 2004-10-15

<160> 31

<170> PatentIn version 3.3

<210> 1

<211> 12

<212> PRT

<213> Homo sapiens

<220>

<221> MISC\_FEATURE

<222> (1)..(12)

<223> Sequence may include an amino terminal capping group and/or a carboxy terminal capping group

<400> 1

Gln Tyr Lys Leu Gly Ser Lys Thr Gly Pro Gly Gln  
1 5 10

<210> 2

<211> 6

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)..(6)

<223> Sequence may include an amino terminal capping group and/or a carboxy terminal capping group

<400> 2

Gln Thr Leu Gln Phe Arg  
1 5

<210> 3

<211> 7

<212> PRT

<213> Homo sapiens

<220>

<221> MISC\_FEATURE

<222> (1)..(7)

<223> X at position 1 is Asp or Asn; X at position 3 is Asp or Asn; X

## Substitute Sheets

~1735723.txt

at position 4 is absent or Gly; X at position 5 is absent, Asp, or Phe; X at position 6 is absent, Ala or Phe; X at position 7 is absent or Ala

<220>  
<221> MISC\_FEATURE  
<222> (1)..(7)  
<223> Sequence may include an amino terminal capping group and/or a carboxy terminal capping group

<400> 3

Xaa Gly Xaa Xaa Xaa Xaa Xaa  
1 5

<210> 4  
<211> 5  
<212> PRT  
<213> Homo sapiens

<400> 4

Asp Gly Asp Gly Asp  
1 5

<210> 5  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 5

Asp Gly Asp Gly Phe Ala  
1 5

<210> 6  
<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 6

Asp Gly Asp Gly Asp Phe Ala  
1 5

<210> 7  
<211> 7  
<212> PRT  
<213> Homo sapiens

<400> 7

Asp Gly Asn Gly Asp Phe Ala  
1 5

<210> 8  
<211> 7  
<212> PRT

# Substitute Sheets

~1735723.txt

<213> Homo sapiens

<400> 8

Asn Gly Asn Gly Asp Phe Ala  
1 5

<210> 9

<211> 7

<212> PRT

<213> Homo sapiens

<400> 9

Asn Gly Asp Gly Asp Phe Ala  
1 5

<210> 10

<211> 8

<212> PRT

<213> Homo sapiens

<220>

<221> MISC\_FEATURE

<222> (1)..(8)

<223> Sequence may include an amino terminal capping group and/or a carboxy terminal capping group

<220>

<221> MISC\_FEATURE

<222> (1)..(2)

<223> X at position 1 is absent or is Ser; X at position 2 is absent or is Lys

<400> 10

Xaa Xaa Met Thr Leu Thr Gln Pro  
1 5

<210> 11

<211> 6

<212> PRT

<213> Homo sapiens

<400> 11

Met Thr Leu Thr Gln Pro  
1 5

<210> 12

<211> 8

<212> PRT

<213> Homo sapiens

<400> 12

Ser Lys Met Thr Leu Thr Gln Pro  
1 5

~1735723.txt

<210> 13  
<211> 5  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<222> (1)..(5)  
<223> X at position 3 is Glu or Leu; X at position 4 is Ala or Glu; X at position 5 is absent, Leu or Ala

<220>  
<221> MISC\_FEATURE  
<222> (1)..(5)  
<223> Sequence may include an amino terminal capping group and/or a carboxy terminal capping group

<400> 13

Asp Gly Xaa Xaa Xaa  
1 5

<210> 14  
<211> 4  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<222> (1)..(4)  
<223> Sequence may contain an amino terminal capping group and/or a carboxy terminal capping group

<220>  
<221> MISC\_FEATURE  
<222> (1)..()  
<223> An acetyl amino terminal capping group may be appended to the sequence

<400> 14

Asp Gly Glu Ala  
1

<210> 15  
<211> 11  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<222> (1)..(7)  
<223> X in the first position is absent or any amino acid; X in the second position is absent or any amino acid; X in the fifth position is Glu or Leu; X in the sixth position is Ala or Glu; X in the seventh position is absent, Leu or Ala

~1735723.txt

<220>  
<221> MISC\_FEATURE  
<222> (1)..(11)  
<223> Sequence may contain an amino terminal capping group and/or a carboxy terminal capping group

<220>  
<221> MISC\_FEATURE  
<222> (8)..(11)  
<223> X in the eighth position is absent or any amino acid; X in the ninth position is absent or any amino acid; X in the tenth position is absent or any amino acid; X in the eleventh position is absent or any amino acid

&lt;400&gt; 15

Xaa Xaa Asp Gly Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10

<210> 16  
<211> 5  
<212> PRT  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)..(5)  
<223> Sequence may contain an amino terminal capping group and/or a carboxy terminal capping group

&lt;400&gt; 16

Asp Gly Glu Ala Leu  
1 5

<210> 17  
<211> 5  
<212> PRT  
<213> Homo sapiens

&lt;400&gt; 17

Asp Gly Leu Glu Ala  
1 5

<210> 18  
<211> 6  
<212> PRT  
<213> Homo sapiens

&lt;400&gt; 18

Glu Thr Leu Gln Phe Arg  
1 5

<210> 19  
<211> 8

Substitute Sheets

~1735723.txt

<212> PRT  
<213> Homo sapiens

<400> 19

Gln Tyr Ser Ile Gly Gly Pro Gln  
1 5

<210> 20  
<211> 8  
<212> PRT  
<213> Homo sapiens

<400> 20

Ser Asp Arg Ser Ala Arg Ser Tyr  
1 5

<210> 21  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 21

Asp Gly Asp Gly Asp Phe Ala Ile Asp Ala Pro Glu  
1 5 10

<210> 22  
<211> 5  
<212> PRT  
<213> Homo sapiens

<400> 22

Asn Gly Asn Gly Asp  
1 5

<210> 23  
<211> 5  
<212> PRT  
<213> Homo sapiens

<400> 23

Asp Gly Asn Gly Asp  
1 5

<210> 24  
<211> 5  
<212> PRT  
<213> Homo sapiens

<400> 24

Asn Gly Asp Gly Asp  
1 5

## Substitute Sheets

~1735723.txt

<210> 25  
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<212> PRT  
<213> Homo sapiens

<400> 25

Asn Gly Asp Gly  
1

<210> 26  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 26

Asp Gly Asp Gly Phe Ala  
1 5

<210> 27  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 27

Asn Gly Asn Gly Phe Ala  
1 5

<210> 28  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 28

Asp Gly Asn Gly Phe Ala  
1 5

<210> 29  
<211> 6  
<212> PRT  
<213> Homo sapiens

<400> 29

Asn Gly Asp Gly Phe Ala  
1 5

<210> 30  
<211> 18  
<212> DNA  
<213> Homo sapiens

<400> 30  
aatccgtcga gcagagtt

## Substitute Sheets

~1735723.txt

<210> 31  
<211> 18  
<212> DNA  
<213> Homo sapiens

<400> 31  
ctaacccctaa ccctaacc

18